

SUBPART B—Continued

[Supplemental BAT effluent limitations for bleached kraft facilities where market pulp is produced]

Pollutant or pollutant property	Maximum for any 1 day	
	kg/kg (or pounds per 1,000 lb) of product	Milligrams/liter
Trichlorophenol	0.012	(0.068)(41.6)/y
y = wastewater discharged in kgal per ton product.		

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[Supplemental BAT effluent limitations for bleached kraft facilities where paperboard, coarse paper, and tissue paper are produced]

Pollutant or pollutant property	Maximum for any 1 day	
	kg/kg (or pounds per 1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.0016	(0.11)(35.4)/y
Trichlorophenol	0.010	(0.068)(35.4)/y
y = wastewater discharged in kgal per ton of product.		

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[Supplemental BAT effluent limitations for bleached kraft facilities where pulp and fine papers are produced and soda facilities where pulp and paper are produced]

Pollutant or pollutant property	Maximum for any 1 day	
	kg/kg (or pounds per 1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.0014	(0.011) (30.9)/y
Trichlorophenol	0.0088	(0.068) (30.9)/y
y = wastewater discharged in kgal per ton of product.		

(e) Pursuant to 40 CFR 122.44(i) and 122.45(h), a discharger must demonstrate compliance with the effluent limitations in paragraph (a)(1) or (b)(3) of this section, as applicable, by monitoring for all pollutants (except for AOX and COD) at the point where the wastewater containing those pollutants leaves the bleach plant. The permitting authority may impose effluent limitations and/or monitoring requirements on internal wastestreams for any other pollutants covered in this section as appropriate under 40 CFR 122.44(i) and 122.45(h). In addition, a discharger subject to a limitation on total pulping area condensate, evaporator condensate, and bleach plant wastewater flow under paragraph (b)(4)(i) of this section, for Tier II and Tier III, must demonstrate compliance with that limitation by establishing and

maintaining flow measurement equipment to monitor these flows at the point or points where they leave the pulping area, evaporator area, and bleach plant.

[63 FR 18635, Apr. 15, 1998; 63 FR 42239, Aug. 7, 1998, as amended at 64 FR 36586, July 7, 1999]

§ 430.25 New source performance standards (NSPS).

New sources subject to this subpart must achieve the following new source performance standards (NSPS), as applicable.

(a) The following standards apply to each new source that commenced discharge after June 15, 1988 and before June 15, 1998, provided that the new source was constructed to meet these standards:

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[1982 New Source Performance Standards for bleached kraft facilities where market pulp is produced]

Pollutant or pollutant property	Continuous dischargers		Non-continuous dischargers
	Maximum for any 1 day	Average of daily values for 30 consecutive days	Annual average
BOD5	10.3	5.5	2.88
TSS	18.2	9.5	5.00
pH	(¹)	(¹)	(¹)

¹ Within the range of 5.0 to 9.0 at all times.

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[1982 New Source Performance Standards for bleached kraft facilities where paperboard, coarse paper, and tissue paper are produced]

Pollutant or pollutant property	Continuous dischargers		Non-continuous dischargers
	Maximum for any 1 day	Average of daily values for 30 consecutive days	Annual average
BOD5	8.5	4.6	2.41
TSS	14.6	7.6	4.00
pH	(¹)	(¹)	(¹)

¹ Within the range of 5.0 to 9.0 at all times.

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[1982 New Source Performance Standards for bleached kraft facilities where pulp and fine papers are produced and soda facilities where pulp and paper are produced]

Pollutant or pollutant property	Continuous dischargers		Non-continuous dischargers
	Maximum for any 1 day	Average of daily values for 30 consecutive days	Annual average
BOD5	5.7	3.1	1.62
TSS	9.1	4.8	2.53
pH	(¹)	(¹)	(¹)

¹ Within the range of 5.0 to 9.0 at all times.

(b) Except as provided in paragraph (c) of this section—

(1) The following standards apply with respect to each new source fiber line that does not use an exclusively TCF bleaching process, as disclosed by

the discharger in its NPDES permit application under 40 CFR 122.21(g)(3) and certified under 40 CFR 122.22, and that commences discharge after June 15, 1998:

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Pollutant or pollutant property	NSPS		
	Maximum for any 1 day	Monthly average	
TCDD	<ML ^a	(^b)	
TCDF	31.9 ^c	(^b)	
Chloroform	6.92 ^d	4.14 ^d	
Trichlorosyringol	<ML ^a	(^b)	
3,4,5-trichlorocatechol	<ML ^a	(^b)	
3,4,6-trichlorocatechol	<ML ^a	(^b)	
3,4,5-trichloroguaiaicol	<ML ^a	(^b)	
3,4,6-trichloroguaiaicol	<ML ^a	(^b)	
4,5,6-trichloroguaiaicol	<ML ^a	(^b)	
2,4,5-trichlorophenol	<ML ^a	(^b)	
2,4,6-trichlorophenol	<ML ^a	(^b)	
Tetrachlorocatechol	<ML ^a	(^b)	
Tetrachloroguaiaicol	<ML ^a	(^b)	
2,3,4,6-tetrachlorophenol	<ML ^a	(^b)	
Pentachlorophenol	<ML ^a	(^b)	
	Continuous dischargers		Non-continuous dischargers
	Maximum for any 1 day (kg/kg)	Monthly average (kg/kg)	
	Annual average (kg/kg)		
AOX	0.476	0.272	0.208
BOD5	4.52	2.41	1.73
TSS	8.47	3.86	2.72
pH	(¹)	(¹)	(¹)
COD	(^e)	(^e)	(^e)

^a“<ML” means less than the minimum level specified in § 430.01(i) for the particular pollutant.

^bThis regulation does not specify this type of limitation for this pollutant; however, permitting authorities may do so as appropriate.

^cPicograms per liter.

^dGrams per 1,000 kilograms (g/kg).

^e[Reserved]

¹Within the range of 5.0 to 9.0 at all times.

(2) The following standards apply with respect to each new source fiber line that uses exclusively TCF bleaching processes, as disclosed by the discharger in its NPDES permit application under 40 CFR 122.21(g)(3) and certified under 40 CFR 122.22, and that commences discharge after June 15, 1998:

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Pollutant or pollutant property	NSPS (TCF)			
	Continuous dischargers		Non-continuous dischargers	
	Maximum for any 1 day	Monthly average	Maximum for any 1 day	Annual average
AOX	<ML ^a	(^b)	<ML ^a	(^b)
BOD5	4.52 ^d	2.41	N/A	1.73
TSS	8.47 ^d	3.86	N/A	2.72
pH	(¹)	(¹)	(¹)	(¹)
COD	(^e)	(^e)	(^e)	(^e)

^a“<ML” means less than the minimum level specified in § 430.01(i) for the particular pollutant.

^bThis regulation does not specify this type of limitation for this pollutant; however, permitting authorities may do so as appropriate.

^c[Reserved]

^dKilograms per 1,000 kilograms (kg/kg).

¹Within the range of 5.0 to 9.0 at all times.

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(c) With respect to each new source fiber line that is enrolled in the Voluntary Advanced Technology Incentives Program, dischargers subject to this section must achieve:

(1) The standards specified in paragraph (b)(1) of this section (except for AOX) or paragraph (b)(2) of this section, as applicable; and

(2) Standards for filtrates, flow, and AOX:

ULTIMATE VOLUNTARY ADVANCED TECHNOLOGY INCENTIVES PROGRAM NSPS

Tier	Filtrate recycling	Total pulping area condensate, evaporator condensate, and bleach plant wastewater flow (annual average)	AOX (kg/kkg)			
			Non-TCF ^a		TCF	
			Maximum for any 1 day	Annual average	Maximum for any 1 day	Annual average
Tier II	(b)	10 cubic meters/kkg	0.23	0.10	<ML ^c	(^d)
Tier III	(b)	5 cubic meters/kkg	0.11	0.05	<ML ^c	(^d)

^aNon-TCF: Pertains to any fiber line that does not use exclusively TCF bleaching processes.

^bComplete recycling to the chemical recovery system of all filtrates generated prior to bleaching.

^c"<ML" means less than the minimum level specified in § 430.01(i) for the particular pollutant.

^dThis regulation does not specify this type of limitation for this pollutant; however, permitting authorities may do so as appropriate.

(d) These additional standards apply to all new sources, regardless of when they commenced discharge, in accordance with the previous subcategorization scheme unless the discharger certifies to the permitting authority that

it is not using these compounds as biocides. Also, for non-continuous dischargers, concentration limitations (mg/l) shall apply. Concentration limitations will only apply to non-continuous dischargers:

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[Supplemental NSPS for bleached kraft facilities where market pulp is produced]

Pollutant or pollutant property	Maximum for any 1 day	
	kg/kkg (or pounds per 1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.0019	(0.013)(36.6)/y
Trichlorophenol	0.012	(0.077)(36.6)/y

y = wastewater discharged in kgal per ton of product.

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[Supplemental NSPS for bleached kraft facilities where paperboard, coarse paper, and tissue paper are produced]

Pollutant or pollutant property	Maximum for any 1 day	
	kg/kkg (or pounds per 1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.0016	(0.012)(31.7)/y
Trichlorophenol	0.010	(0.076)(31.7)/y

y = wastewater discharged in kgal per ton of product.

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[Supplemental NSPS for bleached kraft facilities where pulp and fine papers are produced and soda facilities where pulp and paper are produced]

Pollutant or pollutant property	Maximum for any 1 day	
	kg/kg (or pounds per 1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.0014	(0.014)(25.1)/y
Trichlorophenol	0.0088	(0.084)(25.1)/y
y = wastewater discharged in kgal per ton of product.		

(e) Pursuant to 40 CFR 122.44(i) and 122.45(h), a discharger must demonstrate compliance with the limitations in paragraph (b)(1) or (c)(1) of this section, as applicable, by monitoring for all pollutants (except for AOX, COD, BOD₅, TSS, and pH) at the point where the wastewater containing those pollutants leaves the bleach plant. The permitting authority may impose effluent limitations and/or monitoring requirements on internal wastestreams for any other pollutants covered in this section as appropriate under 40 CFR 122.44(i) and 122.45(h). In addition, a discharger subject to a limitation on total pulping area condensate, evaporator condensate, and bleach plant wastewater flow under paragraph (c)(2) of this section must demonstrate compliance with that limitation by establishing and maintaining flow measurement equipment monitoring these flows at the point or points where they

leave the pulping area, evaporator area, and the bleach plant.

[63 FR 18635, Apr. 15, 1998; 63 FR 42239, Aug. 7, 1998]

§ 430.26 Pretreatment standards for existing sources (PSES).

Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart that introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and must achieve the following pretreatment standards for existing sources (PSES).

(a)(1) The following pretreatment standards apply with respect to each fiber line operated by an indirect discharger subject to this section, unless the indirect discharger discloses to the pretreatment control authority in a report submitted under 40 CFR 403.12(b) that it uses exclusively TCF bleaching processes at that fiber line. These pretreatment standards must be attained on or before April 16, 2001:

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Pollutant or pollutant property	PSES	
	Maximum for any 1 day	Monthly average
TCDD	<ML ^a	(b)
TCDF	31.9 ^c	(b)
Chloroform	6.92 ^d	^d 4.14
Trichlorosyringol	<ML ^a	(b)
3,4,5-trichlorocatechol	<ML ^a	(b)
3,4,6-trichlorocatechol	<ML ^a	(b)
3,4,5-trichloroguaiacol	<ML ^a	(b)
3,4,6-trichloroguaiacol	<ML ^a	(b)
4,5,6-trichloroguaiacol	<ML ^a	(b)
2,4,5-trichlorophenol	<ML ^a	(b)
2,4,6-trichlorophenol	<ML ^a	(b)
Tetrachlorocatechol	<ML ^a	(b)
Tetrachloroguaiacol	<ML ^a	(b)
2,3,4,6-tetrachlorophenol	<ML ^a	(b)
Pentachlorophenol	<ML ^a	(b)
AOX	2.64 ^c	^c 1.41

^a "<ML" means less than the minimum level specified in § 430.01(i) for the particular pollutant.